

APPENDIX SIX

Methodology used by Michael Weston when assembling SH6 dwelling data for the Barrytown JVL reconvened hearing 4 November 2021 [extracted from Mr Weston's 2021 evidence]

A. The list of dwellings

Introduction

1. This data shows 147 dwellings within 30 metres of the highway, between Greymouth and Westport, the two likely end points of the mine trucking route.
2. This is an indication of just how many households would be directly affected by the presence and noise of multiple truck and trailer units.
3. It is not possible to specify which households would be affected because BJV have not provided a definite plan on their intended destination, and what the actual trucking route would be. It is still unclear whether trucking would occur to the north or south of the mine site, or both, along SH6. If the northern option is chosen, there are a number of possible routes through the township of Westport to the port, each affecting a different group of households. To the south, it is not yet known whether the railhead at Rapahoe or the port at Greymouth would be used, and again the choice of destination would affect different households.
4. This uncertainty is just one factor related to this mine proposal that continues to cause tangible stress and anxiety in the wider community.

Methodology

5. To assemble this data, I:
 - used the website Westmaps¹ which shows all properties and street addresses superimposed over satellite imagery
 - measured on-screen, with a clear ruler marked in millimetres, the distance from the centre line of the road to the nearest wall of each building
 - converted this on-screen measurement to actual metres using the on-screen map scale and simple arithmetic
 - verified a local sample of measurements on the ground using a tape measure
 - listed each visible dwelling from Greymouth to Westport
 - conducted a drive by check to discount any buildings observable as non-dwellings such as business premises without accommodation

Disclaimer:

This data is accurate to the best of my knowledge and ability to ascertain the nature of a building without imposing on the privacy of the owners or occupants.

¹ <https://gis.westcoast.govt.nz/WestMapsViewer/?map=70b9aabf07df472597cee0afbc29e5f3>